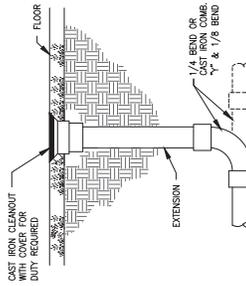


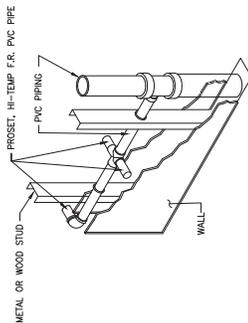
SYMBOL	DESCRIPTION	COLD	HOT	WASTE	VENT
P1	LAVATORY, ADA (WALL MOUNTED)	1/2"	1/2"	1-1/4"	2"
P2	WATER CLOSET, ADA	1"	--	4"	2"
P3	URINAL	1"	--	2"	2"
P4	KITCHEN SINK WITH BASIN (COUNTERTOP) WITH GARBAGE DISPOSAL	1/2"	1/2"	2"	2"
P5	DISHWASHER	--	1/2"	1-1/4"	--
P6	MOP SINK	1/2"	1/2"	3"	2"
P7	ICE MAKER WALL BOX	1/2"	--	--	--
P8	COMPARTMENT SINK (COUNTERTOP) WITH GARBAGE DISPOSAL	1/2"	1/2"	1-1/2"	2"
P9	COMMERCIAL DISHWASHER	--	1/2"	1-1/4"	1"

FIXTURE CONNECTION SCHEDULE



FLOOR CLEANOUT

SCALE: NTS
NOTE: LOCATE FLOOR CLEANOUTS APPROXIMATELY AS SHOWN ON DIMS. MUST BE EASILY ACCESSIBLE FOR MAINTENANCE PURPOSES.



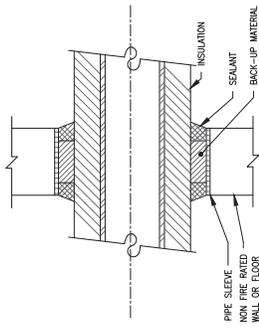
LAVATORY/SINK STUB OUTS

SCALE: NTS

MISCELLANEOUS EQUIPMENT:

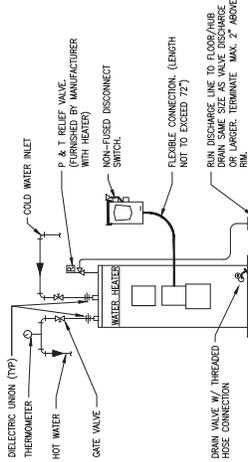
WATER HAMMER ARRESTORS: PERMANENTLY SEALED MECHANICAL DEVICE, PRE-CHARGED, THREADED CONNECTION, ASSE 1010 - 2004 CERTIFIED. INSTALL AS CLOSE AS POSSIBLE TO OUTLETTING VALVE. NO ACCESS PANEL REQUIRED. PISTON TYPE, HARD DRAWN BRASS. EQUIPPED WITH PLASTIC RINGS AND PISTON, THREADED ADAPTER, SOAK CHIEF 650 SERIES OR EQUAL.

FLOOR CLEANOUT: CAST IRON OR PLASTIC BODY, NICKEL-BRONZE (MEDIUM-DUTY) OR BRASS (HIGH-DUTY) WITH 1/2" DIA. OPENING. POLYPROPYLENE PLUG (FOR CARPET MARKER, INCLUDE PART #870-204), SOAK CHIEF 8.34 SERIES OR EQUAL.



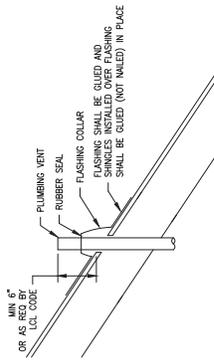
NON-FIRE-RATED WALL/FLOOR PENETRATION

SCALE: NTS



ELECTRIC WATER HEATER

NTS



VENT THRU ROOF (VTRI) DETAIL

SCALE: NTS

ITEM	TYPE	CAPACITY	CONNECTIONS		ELECTRICAL	REMARKS
			W/	W/		
EW-1	ELECTRIC	40	3/4"	3/4"	240V CONTROL	RHEEM 8240Z (OR APPROVED EQUAL)

WATER HEATER SCHEDULE



BES DESIGN/BUILD
1818 K Street, NW, Suite 400
Washington, DC 20006
Phone: 202-228-2234
Fax: 202-228-1272

Drawing Scale: AS NOTED
Permitting Start Date: 03/07/2012
Drawing Finish Date: 10/15/2012
Drawing Approved: JOE BANCH

Approved: Chief, Facilities and Engineering:
Approved: Associate Chief for Maintenance and Operations, Perry Point:
Approved: Associate Director for Operations:
Approved: Director, Medical Center:

PLUMBING DETAILS

Project Title: RENOVATE MANSION HOUSE AND ORIST MILL VA MEDICAL CENTER

Building No: 501

Location: PERRY POINT MARYLAND

Checked: RLD

Drawn: JLL

Date: 10/15/2012

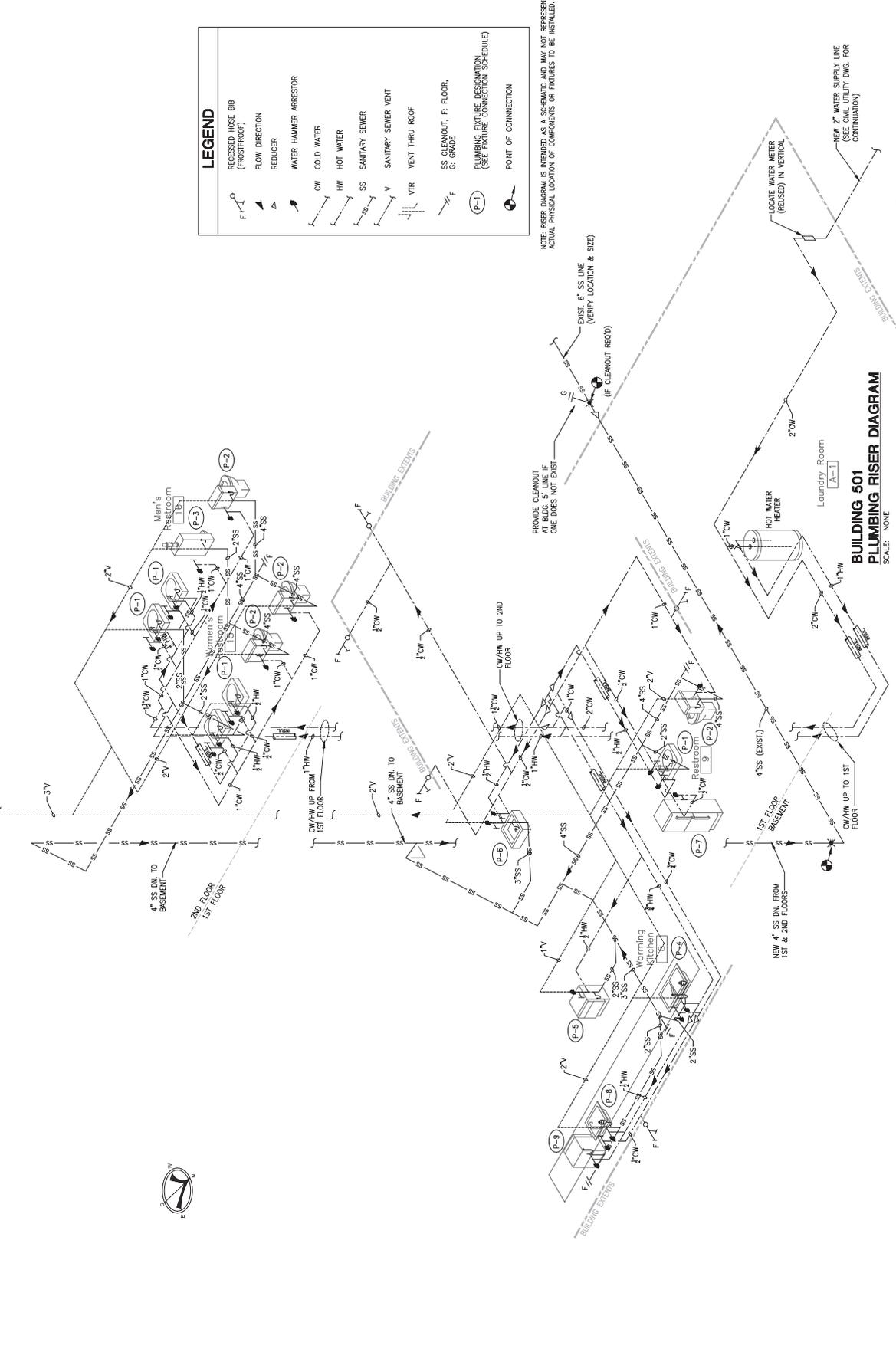
Project No: 51245-10-335

DRAWING NO: 501-PL1.05

Dwg. 10 of 11

FINAL

1 2 3 4 5 6 7 8



LEGEND	
	RECESSED HOSE BIB (PROTRUDING)
	FLOW DIRECTION
	REDUCER
	WATER HAMMER ARRESTOR
	CW COLD WATER
	HW HOT WATER
	SS SANITARY SEWER
	SSV SANITARY SEWER VENT
	VTR VENT THRU ROOF
	SS CLEANOUT, F. FLOOR, G. GRADE
	PLUMBING FIXTURE DESIGNATION (SEE FUTURE CONNECTION SCHEDULE)
	POINT OF CONNECTION

NOTE: RISER DIAGRAM IS INTENDED AS A SCHEMATIC AND MAY NOT REPRESENT THE ACTUAL PHYSICAL LOCATION OF COMPONENTS OR FIXTURES TO BE INSTALLED.

REMOVE CLEANOUT AT BLDG. 51 LINE IF ONE DOES NOT EXIST (IF CLEANOUT REQ'D)

EXIST. 4" SS LINE (VERIFY LOCATION & SIZE)

**BUILDING 501
PLUMBING RISER DIAGRAM**
SCALE: NONE

LOCATE WATER METER (REUSED) IN VERTICAL

NEW 2" WATER SUPPLY LINE (SEE CIVIL UTILITY DWG. FOR CONTINUATION)

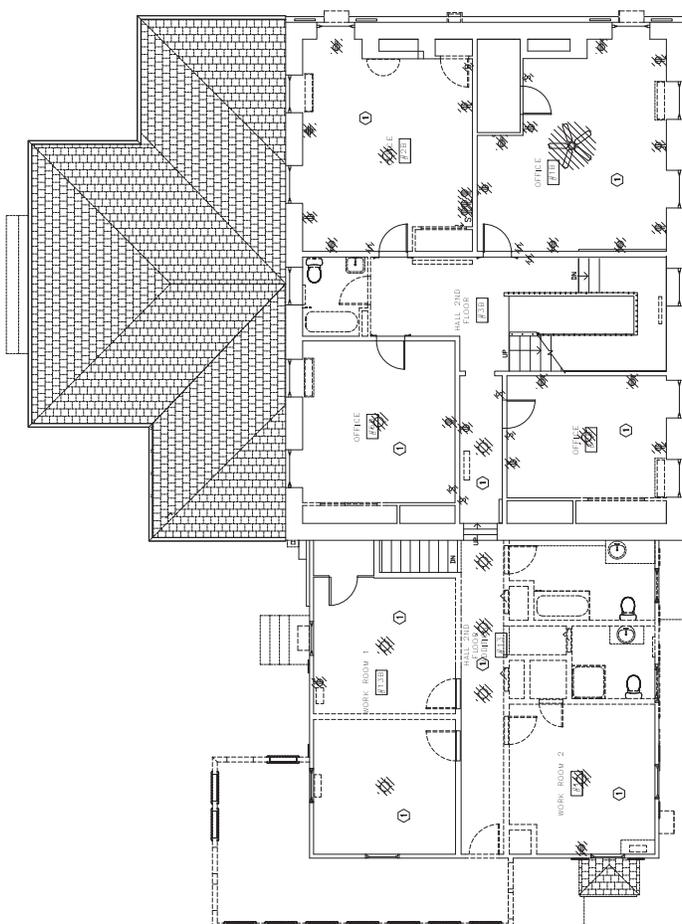
 1818 K Street, NW, Suite 400 Washington, DC 20006 Phone: 202-228-2234 Fax: 202-228-1272		Drawing Scale: AS NOTED Drawing Start Date: 03/07/2012 Drawing Finish Date: 10/15/2012 Drawing Approved: JOE BANCH	Approved: Chief, Facilities and Engineering: Approved: Associate Chief for Maintenance and Operations, Perry Point: Approved: Associate Director for Operations: Approved: Director, Medical Center:	Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER	Date: 10/15/2012 Project No: 51245-10-335 Drawing No: 501-PL1.06
		Building No: 501 Location: PERRY POINT MARYLAND	Checked: RLD Drawn: JLL	Drawing Title: PLUMBING RISER DIAGRAM	Department of VETERANS AFFAIRS
FINAL					

GENERAL DEMOLITION NOTES

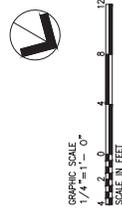
- ALL ITEMS SHOWN WITH HATCHED LINES INDICATE ITEMS TO BE DEMOLISHED. SEE ARCHITECTURAL DRAWINGS AND CODED DEMOLITION NOTES FOR SPECIFIC INFORMATION.
- LOCATION OF EXISTING EQUIPMENT, CONDUITS, OUTLETS, DEVICES, CONTROLS AND ALL CONCEALED WORKS, ARE APPROXIMATE. NOT ALL CIRCUITS, SUPPORTS, DEVICES, AND FIXTURES ARE SHOWN.
- DURING THE LIFE OF THE CONTRACT, CONSTRUCTION AND DEMOLITION TO THE EXISTING ELECTRICAL SYSTEMS SHALL BE TESTED IN SERVICE AFTER COMPLETION OF CONSTRUCTION AND MAKE COMPLETE AND OPERABLE AT NO ADDITIONAL COST TO THE GOVERNMENT.
- NOT ALL CIRCUITS AND DEVICES ARE INDICATED. FOR EACH DEVICE THERE IS A HATCHED AREA TO BE DEMOLISHED. ALL DEVICES, WIRING, AND CONDUIT SHALL BE REMOVED UNLESS INDICATED OTHERWISE.
- SEE ARCHITECTURAL DRAWINGS AND SPECIFICATION FOR ADDITIONAL INFORMATION. COORDINATE ALL DEMOLITION WITH ALL TRADES INVOLVED.
- EXISTING PIPING AND/OR CONDUIT RUN CONCEALED IN FLOOR SLAB OR UNDERGROUND AND NOT INDICATED OR SPECIFIED FOR REUSE IN NEW WORK SHALL BE DEMOLISHED UNLESS OTHERWISE. CUT PIPING AND/OR CONDUIT AT FLOOR AND SEAL BY AN APPROVED METHOD.
- WORK MADE BY DEMOLITION SHALL BE FINISHED WITH APPROVED FILL TO MATCH ADJACENT SURFACE. ALL REPAIRS AND NEW FINISH SHALL BE BY TRADES SKILLED IN FINISH WORKS UNDER EMPLOY OF THE CONTRACTOR.
- ALL ELECTRIC WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (NEC C-2) AND THE 2008 EDITION OF THE NATIONAL ELECTRIC CODE (NEPA 70).
- IT IS THE DECLARED AND ACKNOWLEDGED INTENTION AND MEANING TO DEMOLISH ALL EXISTING ELECTRICAL SYSTEMS AND ALL EXISTING ELECTRICAL SYSTEMS SHALL BE DEMOLISHED UNLESS OTHERWISE. ALL EXISTING ELECTRICAL SYSTEMS SHALL BE DEMOLISHED UNLESS OTHERWISE. ALL EXISTING ELECTRICAL SYSTEMS SHALL BE DEMOLISHED UNLESS OTHERWISE. ALL EXISTING ELECTRICAL SYSTEMS SHALL BE DEMOLISHED UNLESS OTHERWISE.

DEMOLITION NOTES

- EXISTING LIGHT FIXTURES SHALL BE CAREFULLY REMOVED AND PROTECTED FROM DAMAGE FOR REUSE IN NEW WORK. ALL EXISTING FIXTURES SHALL BE DEMOLISHED UNLESS OTHERWISE. ALL EXISTING FIXTURES SHALL BE DEMOLISHED UNLESS OTHERWISE. ALL EXISTING FIXTURES SHALL BE DEMOLISHED UNLESS OTHERWISE.



**BUILDING 501
SECOND FLOOR - ELECTRICAL DEMOLITION**
SCALE: 1/4" = 1'-0"



FINAL

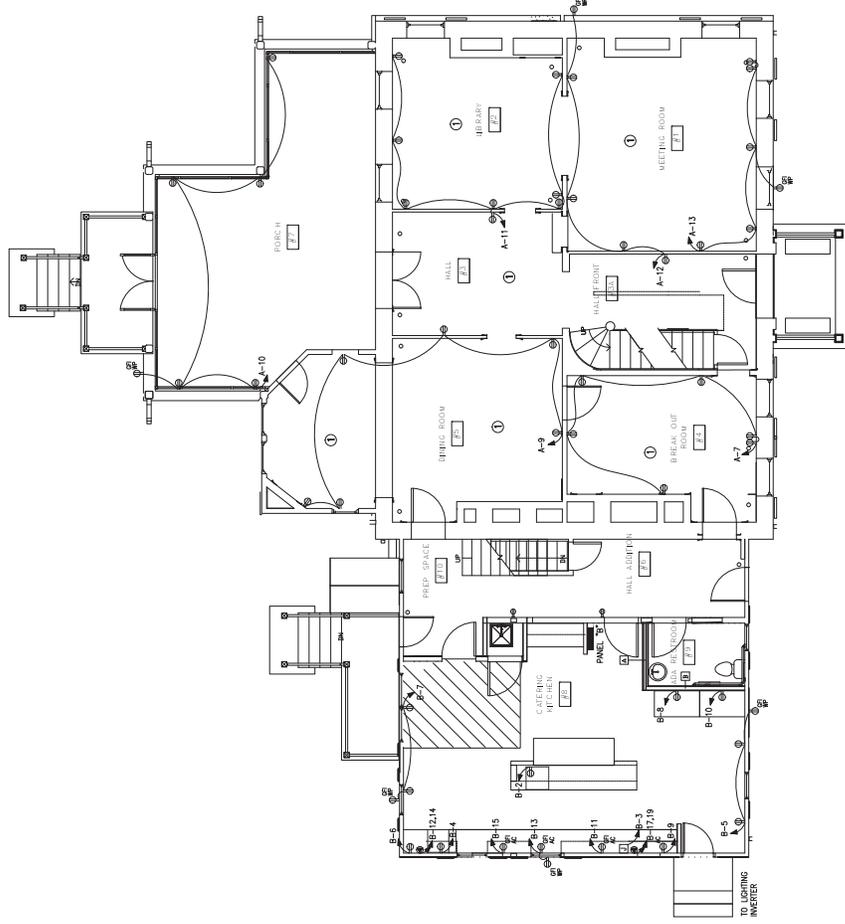
Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER		Date: 10/15/2012	Project No.: 51295-10-335	DRAWING NO.: 501-ED1.03
Building No.: 501	Checked: RWC	Drawn: JTP	Location: PERRY POINT MARYLAND	
Drawing Title: ELECTRICAL PLAN SECOND FLOOR DEMOLITION				
Approved: Chief, Facilities and Engineering: Approved: Associate Chief for Maintenance And Operations, Perry Point:				
Approved: Associate Director for Operations: Approved: Director, Medical Center:				
Drawing Scale: AS NOTED	Drawing Date: 03/07/2012	Drawing Finish Date: 10/15/2012	Drawing Approved: JOE BANCH	
1818 K Street, NW, Suite 400 Washington, DC 20006 Phone: 202-225-2334 Fax: 202-225-1272				

GENERAL NEW WORK NOTES

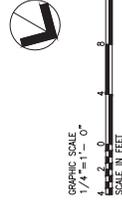
1. ALL ELECTRICAL WIRING, CONDUIT, DEVICES, EQUIPMENT AND MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL SAFETY CODE (NEC C-92) AND THE NATIONAL ELECTRICAL SAFETY CODE (NFPA 70).
3. ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE.
4. ALL INTERIOR ELECTRICAL WIRING SHALL BE IN METALLIC CONDUIT UNLESS NOTED OTHERWISE.
5. PROVIDE FLEXIBLE METALLIC CONDUIT TO ALL MOTOR OPERATED EQUIPMENT. (MINIMUM 6' LENGTH)
6. MINIMUM CONDUCTOR SIZE SHALL BE #12 AMP UNLESS NOTED OTHERWISE.

NEW WORK NOTES

1. ALL RECEPTACLES IN THIS ROOM SHALL BE PLACED IN EXISTING LOCATIONS UNLESS NOTED OTHERWISE. NEW CIRCUITS SHALL BE PROVIDED AS SHOWN.



**BUILDING 501
FIRST FLOOR - POWER PLAN - NEW WORK**
SCALE: 1/4" = 1'-0"



		FINAL	
		Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER	Date: 10/15/2012
Drawing No: 501-EP1.02		Project No: 51295-10-335	
Building No: 501		Drawn: JTP	
Location: PERRY POINT MARYLAND		Checked: RWC	
Drawing Title: POWER PLAN FIRST FLOOR NEW WORK		Approved: Associate Director for Operations: Approved: Director, Medical Center:	
Approved: Chief, Facilities and Engineering: Approved: Associate Chief for Maintenance And Operations, Perry Point:		Drawing Scale: AS NOTED	
Drawing Start Date: 03/07/2012		Drawing Finish Date: 10/15/2012	
Drawing Approved: JOE BANCH			
1818 K Street, NW, Suite 400 Washington, DC 20006 Phone: 202-225-2334 Fax: 202-225-1272			

1 2 3 4 5 6 7 8

one-eighth inch = one foot
 one-quarter inch = one foot
 three-quarters inch = one foot
 one-half inch = one foot
 one inch = one foot
 one and one-half inch = one foot
 three inches = one foot

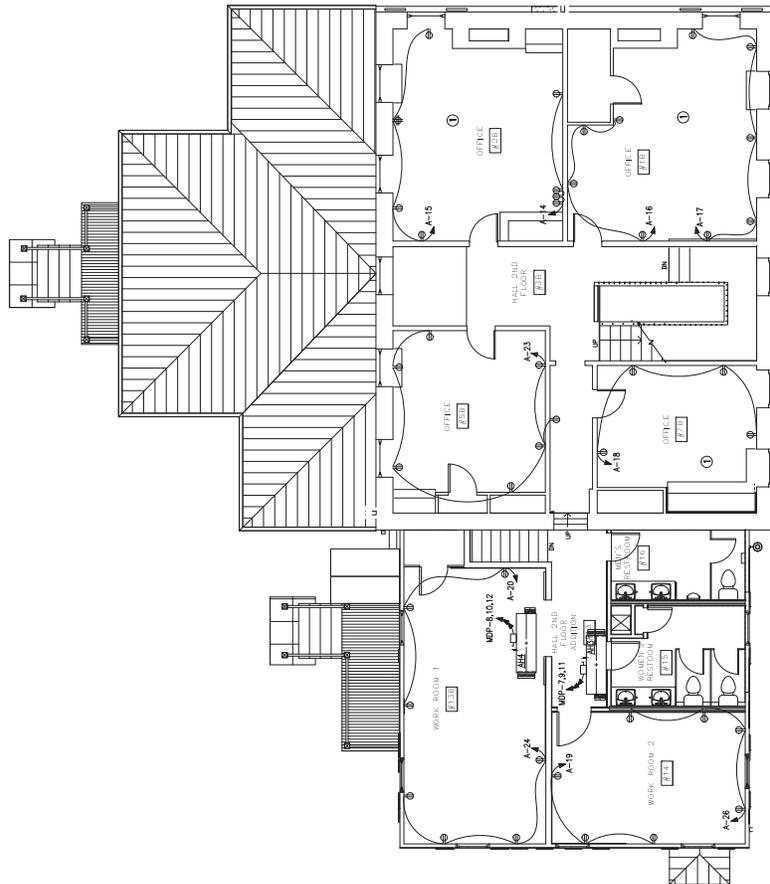
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GENERAL NEW WORK NOTES

1. ALL ELECTRICAL WIRING, CONDUIT, DEVICES, EQUIPMENT AND MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL SAFETY CODE (NEC C-9) AND THE NATIONAL ELECTRICAL CODE (NFPA 70).
3. ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE.
4. ALL INTERIOR ELECTRICAL WIRING SHALL BE IN METALLIC CONDUIT UNLESS NOTED OTHERWISE.
5. PROVIDE FLEXIBLE METALLIC CONDUIT TO ALL MOTOR OPERATED EQUIPMENT. (MINIMUM 6' LENGTH)
6. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS NOTED OTHERWISE.

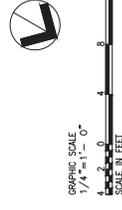
NEW WORK NOTES

1. ALL RECEIPTILES IN THIS ROOM SHALL BE PLACED IN EXISTING LOCATIONS UNLESS NOTED OTHERWISE. NEW CIRCUITS SHALL BE PROVIDED AS SHOWN.



**BUILDING 501
SECOND FLOOR - POWER PLAN - NEW WORK**

SCALE: 1/4" = 1'-0"

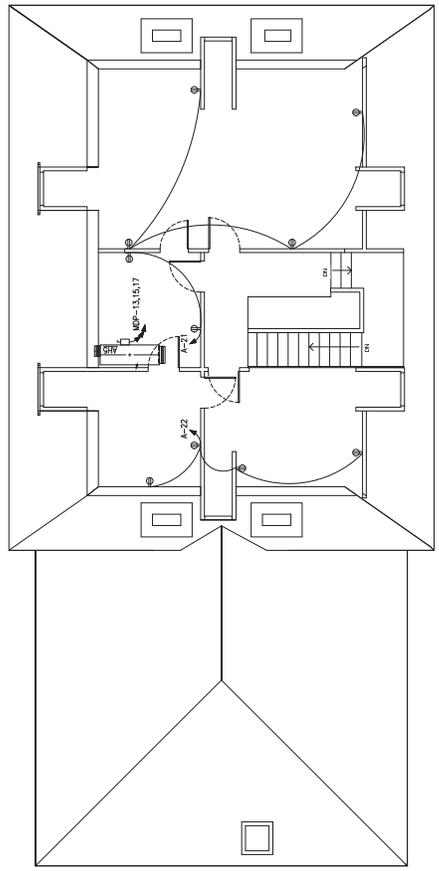


		FINAL	
Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER		Date: 10/15/2012	
Building No: 501		Project No: 51295-10-335	
Location: PERRY POINT MARYLAND		Drawing No: 501-EP1.03	
Drawing Title: POWER PLAN SECOND FLOOR NEW WORK		Drawn: JTP	
Approved: Associate Director for Operations		Checked: RWC	
Approved: Director, Medical Center:		Drawing Scale: AS NOTED	
		Starting Date: 03/07/2012	
		Drawing Finish Date: 10/15/2012	
		Drawing Approved: JOE BANCH	
			
		888 K Street, NW, Suite 400 Washington, DC 20004 Phone: 202-225-2334 Fax: 202-225-1272	

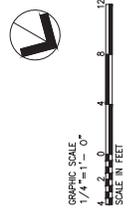
1 2 3 4 5 6 7 8

GENERAL NEW WORK NOTES

1. ALL ELECTRICAL WIRING, CONDUIT, DEVICES, EQUIPMENT AND MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE ALARMS CODE (NFPA 70), NATIONAL ELECTRICAL SAFETY CODE (NEC C-9) AND THE NATIONAL ELECTRICAL CODE (NFPA 70).
3. ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE.
4. ALL INTERIOR ELECTRICAL WIRING SHALL BE IN METALLIC CONDUIT UNLESS NOTED OTHERWISE.
5. PROVIDE FLEXIBLE METALLIC CONDUIT TO ALL MOTOR OPERATED EQUIPMENT. (MINIMUM 6' LENGTH)
6. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS NOTED OTHERWISE.

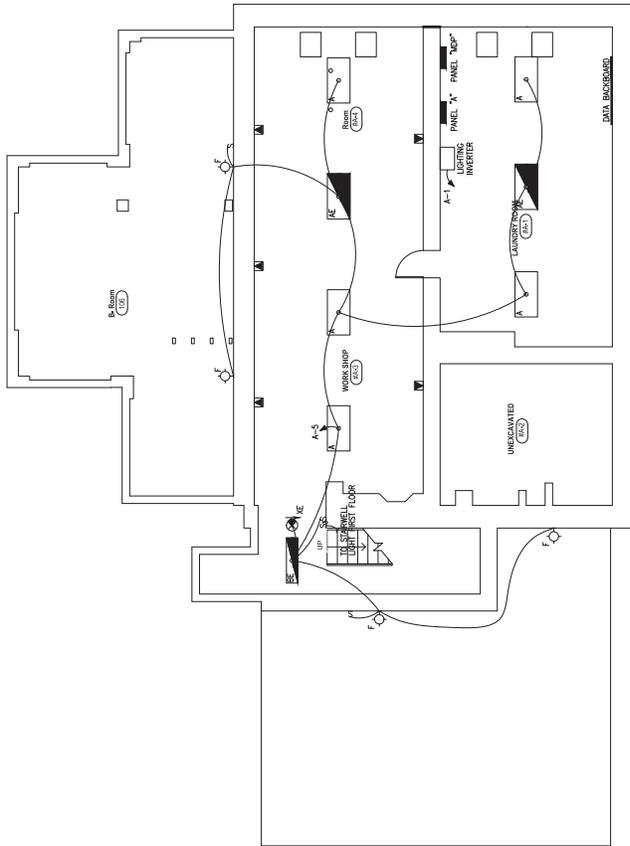


**BUILDING 501
THIRD FLOOR - POWER PLAN - NEW WORK**
SCALE: 1/4" = 1'-0"



		Date: 10/15/2012 Project No: 51295-10-335 DRAWING NO: 501-EP1.04 Dwg. 8 of 17	
Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER		Building No: 501 Location: PERRY POINT MARYLAND	
Drawing Title: POWER PLAN THIRD FLOOR NEW WORK		Checked: RWC Drawn: JTP	
Approved: Chief, Facilities and Engineering:		Approved: Associate Director for Operations:	
Approved: Associate Chief for Maintenance And Operations, Perry Point:		Approved: Director, Medical Center:	
Drawing Scale: AS NOTED		Drawing Date: 03/07/2012	
Drawing Date: 10/15/2012		Drawing Approved: JOE BANACH	
			
BES DESIGN/BUILD 1818 K Street, NW, Suite 400 Washington, DC 20006 Phone: 202-225-2334 Fax: 202-225-1272		DEPARTMENT OF VETERANS AFFAIRS	

- GENERAL NEW WORK NOTES**
1. ALL ELECTRICAL WIRING, CONDUIT, DEVICES, EQUIPMENT AND MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
 2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL SAFETY CODE (NEC 9-3) AND THE NATIONAL ELECTRICAL SAFETY CODE (NFPA 70).
 3. ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE.
 4. ALL INTERIOR ELECTRICAL WIRING SHALL BE IN METALLIC CONDUIT UNLESS NOTED OTHERWISE.
 5. PROVIDE FLEXIBLE METALLIC CONDUIT TO ALL MOTOR OPERATED EQUIPMENT. (MINIMUM 6' LENGTH)
 6. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS NOTED OTHERWISE.



**BUILDING 501
BASEMENT - LIGHTING PLAN - NEW WORK**
SCALE: 1/4" = 1'-0"



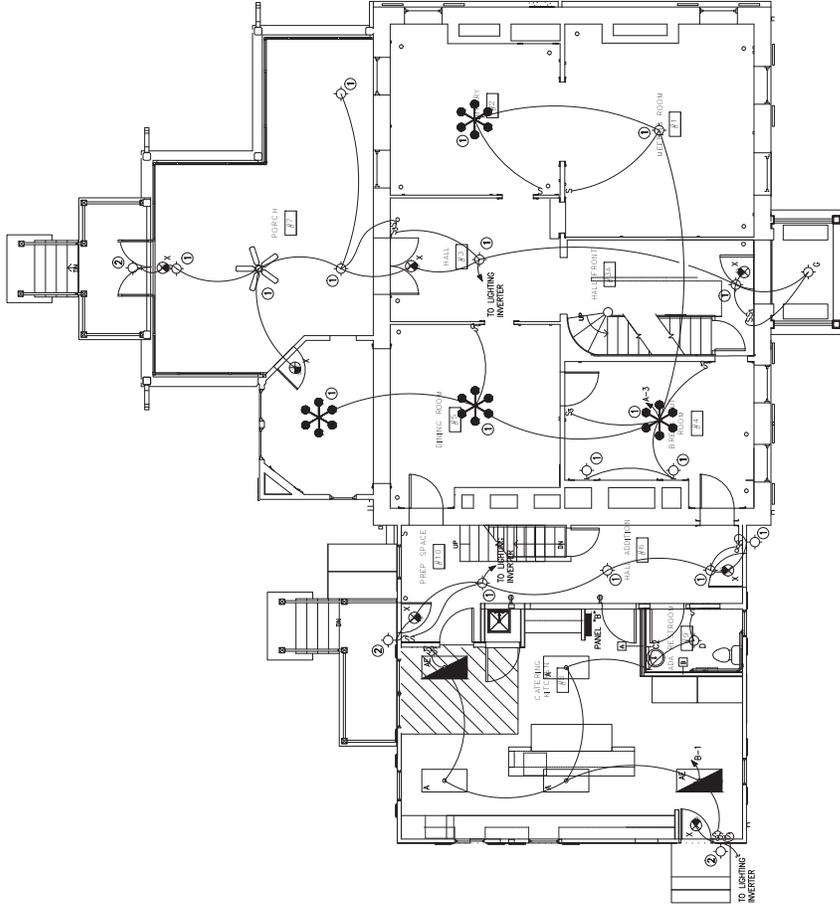
GRAPHIC SCALE
1/4" = 1'-0"
0 4 8 12
SCALE IN FEET

FINAL

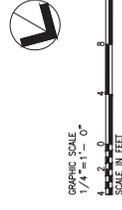
		Date: 10/15/2012 Project No: 51295-10-335 DRAWING NO: 501-EL101 Dwg. 9 of 17	
Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER		Building No: 501 Location: PERRY POINT MARYLAND	
Drawing Title: LIGHTING PLAN BASEMENT NEW WORK		Checked: RWC Drawn: JTP	
Approved: Chief, Facilities and Engineering: Approved: Associate Chief for Maintenance And Operations, Perry Point:		Approved: Associate Director for Operations: Approved: Director, Medical Center:	
Drawing Scale: AS NOTED Printing Date: 03/07/2012		Drawing Finish Date: 10/15/2012 Drawing Approved: JOE BANCH	
			
BES DESIGN/BUILD 1818 K Street, NW, Suite 400 Washington, DC 20006 Phone: 202-225-2334 Fax: 202-225-1272			

- GENERAL NEW WORK NOTES**
1. ALL ELECTRICAL WIRING, CONDUIT, DEVICES, EQUIPMENT AND MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
 2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL SAFETY CODE (NEC C-9) AND THE NATIONAL ELECTRIC CODE (NFPA 70).
 3. ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE.
 4. ALL INTERIOR ELECTRICAL WIRING SHALL BE IN METALLIC CONDUIT UNLESS NOTED OTHERWISE.
 5. PROVIDE FLEXIBLE METALLIC CONDUIT TO ALL MOTOR OPERATED EQUIPMENT. (MINIMUM 6' LENGTH)
 6. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS NOTED OTHERWISE.

- NEW WORK NOTES**
1. EXISTING REPURPOSED LIGHT FIXTURE.
 2. NEW CUSTOM MADE LIGHT FIXTURES TO MATCH EXISTING EXTERIOR FIXTURES.



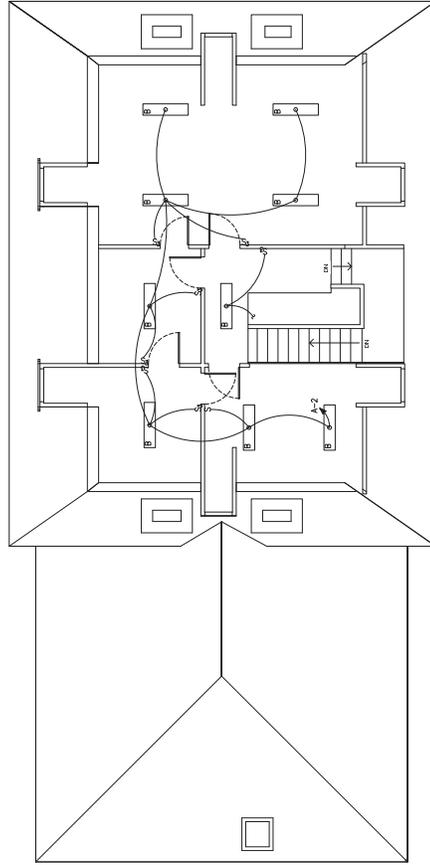
**BUILDING 501
FIRST FLOOR - LIGHTING PLAN - NEW WORK**
SCALE: 1/4" = 1'-0"



 1818 K Street, NW, Suite 400 Washington, DC 20006 Phone: 202-225-2234 Fax: 202-225-1272				FINAL Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER		Date: 10/15/2012 Project No: 51295-10-335 DRAWING NO: 501-EL1.02 Dwg. 10 of 17	
		Drawing Scale: AS NOTED Drawing Start Date: 03/07/2012 Drawing Finish Date: 10/15/2012 Drawing Approved: JOE BANCH		Drawing Title: LIGHTING PLAN FIRST FLOOR NEW WORK		Building No: 501 Location: PERRY POINT MARYLAND	
Approved: Chief, Facilities and Engineering: Approved: Associate Chief for Maintenance And Operations, Perry Point:		Approved: Associate Director for Operations: Approved: Director, Medical Center:		Checked: RWC Drawn: JTP		Department of VETERANS AFFAIRS	

GENERAL NEW WORK NOTES

1. ALL ELECTRICAL WIRING, CONDUIT, DEVICES, EQUIPMENT AND MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST NATIONAL ELECTRICAL SAFETY CODE (NEC C-9) AND THE NATIONAL ELECTRICAL CODE (NFPA 70).
3. ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE.
4. ALL INTERIOR ELECTRICAL WIRING SHALL BE IN METALLIC CONDUIT UNLESS NOTED OTHERWISE.
5. PROVIDE FLEXIBLE METALLIC CONDUIT TO ALL MOTOR OPERATED EQUIPMENT. (MINIMUM 6' LENGTH)
6. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS NOTED OTHERWISE.



**BUILDING 601
THIRD FLOOR - LIGHTING PLAN - NEW WORK**
SCALE: 1/4" = 1'-0"



GRAPHIC SCALE
1/4" = 1'-0"
0 4 8 12
SCALE IN FEET

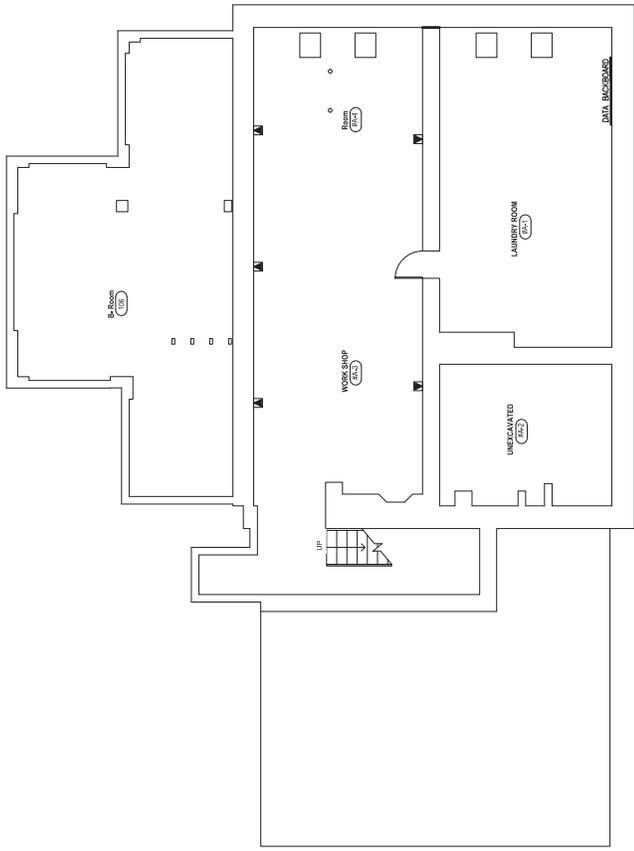
FINAL

		Date: 10/15/2012 Project No: 512945-10-335 DRAWING NO: 501-EL1.04 Dwg. 12 of 17	
Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER		Building No: 501 Location: PERRY POINT MARYLAND	
Drawing Title: LIGHTING PLAN THIRD FLOOR NEW WORK		Drawn: JTP Checked: RWC Approved: Associate Director for Operations Approved: Director, Medical Center:	
Approved: Chief, Facilities and Engineering:		Approved: Chief, Facilities and Engineering:	
Approved: Associate Chief for Maintenance And Operations, Perry Point:		Approved: Associate Chief for Maintenance And Operations, Perry Point:	
Drawing Scale: AS NOTED		Drawing Scale: AS NOTED	
Printing Start Date: 03/07/2012		Printing Start Date: 03/07/2012	
Drawing Finish Date: 10/15/2012		Drawing Finish Date: 10/15/2012	
Drawing Approved: JOE BANACH		Drawing Approved: JOE BANACH	
			
			
888 K Street, NW, Suite 400 Washington, DC 20004 Phone: 202-225-2334 Fax: 202-225-1272		888 K Street, NW, Suite 400 Washington, DC 20004 Phone: 202-225-2334 Fax: 202-225-1272	

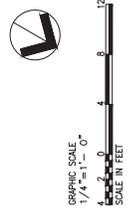
1 2 3 4 5 6 7 8

GENERAL NEW WORK NOTES

1. ALL ELECTRICAL WIRING, CONDUIT, DEVICES, EQUIPMENT AND MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL SAFETY CODE (NEC C-9) AND THE NATIONAL ELECTRICAL SAFETY CODE (NFPA 70).
3. ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE.
4. ALL INTERIOR ELECTRICAL WIRING SHALL BE IN METALLIC CONDUIT UNLESS NOTED OTHERWISE.
5. PROVIDE FLEXIBLE METALLIC CONDUIT TO ALL MOTOR OPERATED EQUIPMENT. (MINIMUM 6' LENGTH)
6. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS NOTED OTHERWISE.

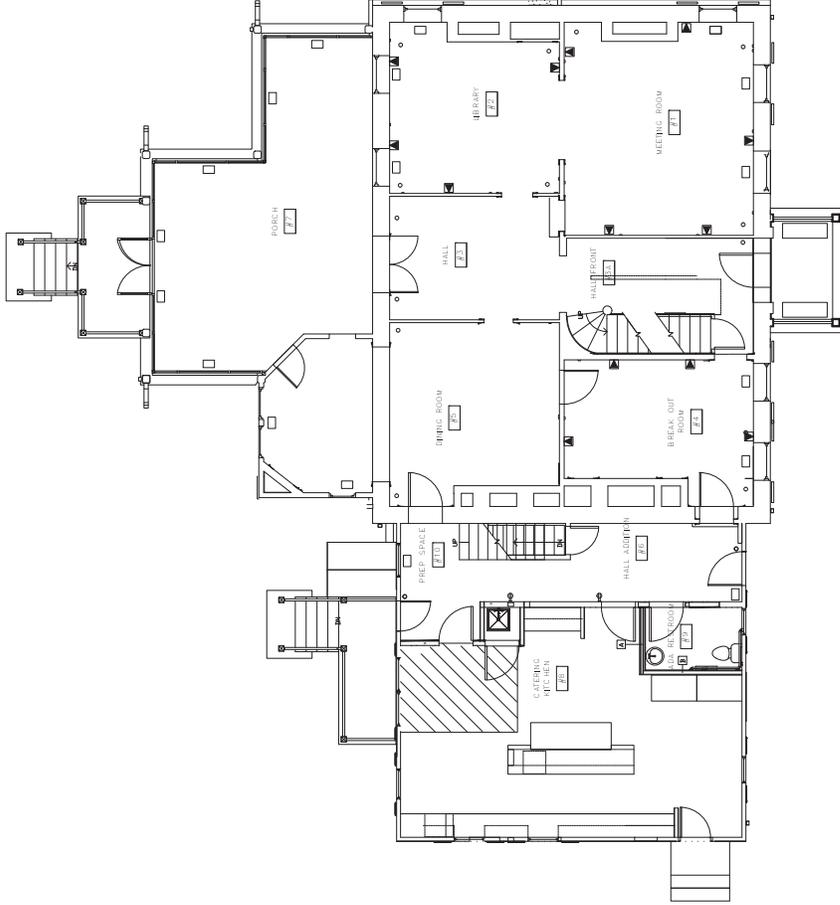


**BUILDING 501
BASEMENT - DATA/COMM PLAN - NEW WORK**
SCALE: 1/4" = 1'-0"

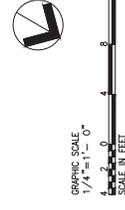


 BES DESIGN/BUILD 1818 K Street, NW, Suite 400 Washington, DC 20006 Phone: 202-228-2234 Fax: 202-228-1272		 DEPARTMENT OF VETERANS AFFAIRS	
Drawing Scale: AS NOTED Project Start Date: 03/01/2012 Drawing Finish Date: 10/15/2012 Drawing Approved: JOE BANACH		Project Title: DATA/COMM BASEMENT NEW WORK Approved: Associate Director for Maintenance and Operations, Perry Point:	
Approved: Chief, Facilities and Engineering:		Date: 10/15/2012 Project No: 51295-10-335 DRAWING NO: 501-ET101 Dwg. 13 of 17	
Approved: Associate Director for Operations:		Building No: 501 Location: PERRY POINT MARYLAND	
Approved: Associate Director, Medical Center:		Checked: RWC Drawn: JTP	

- GENERAL NEW WORK NOTES**
1. ALL ELECTRICAL WIRING, CONDUIT, DEVICES, EQUIPMENT AND MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
 2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL SAFETY CODE (NEEC C-9) AND THE NATIONAL ELECTRICAL SAFETY CODE (NECA 70).
 3. ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE.
 4. ALL INTERIOR ELECTRICAL WIRING SHALL BE IN METALLIC CONDUIT UNLESS NOTED OTHERWISE.
 5. PROVIDE FLEXIBLE METALLIC CONDUIT TO ALL MOTOR OPERATED EQUIPMENT. (MINIMUM 6' LENGTH)
 6. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS NOTED OTHERWISE.



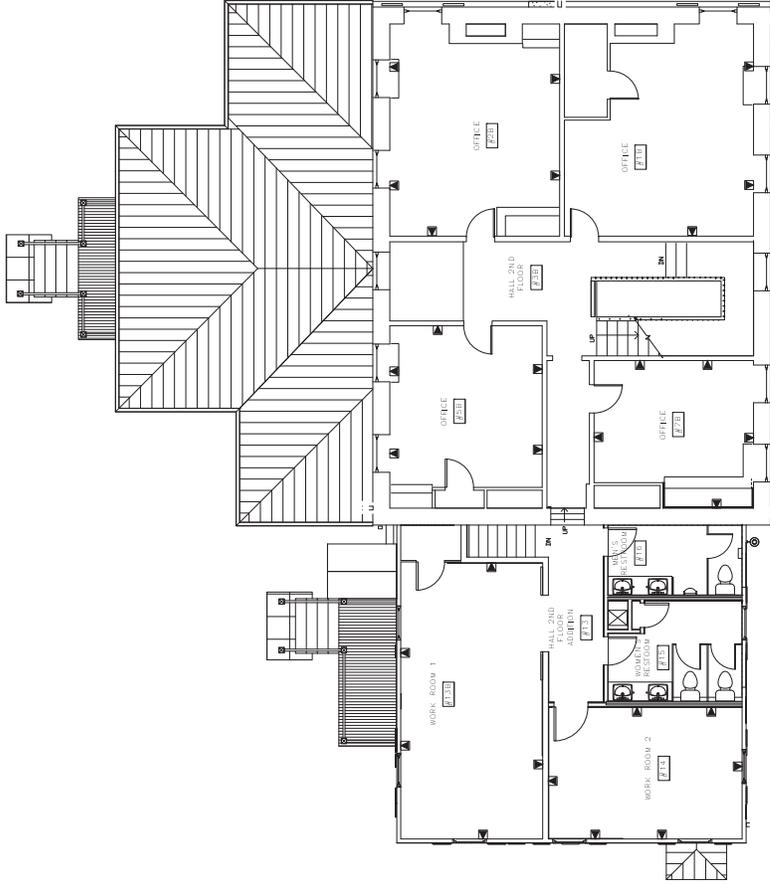
**BUILDING 501
FIRST FLOOR - DATA/COMM PLAN - NEW WORK**
SCALE: 1/4" = 1'-0"



FINAL

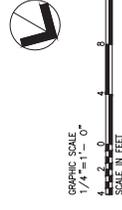
		Date: 10/15/2012 Project No: 51295-10-335 DRAWING NO: 501-ET1.02 Dwg. 14 of 17	
Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER		Building No: 501 Location: PERRY POINT MARYLAND	
Drawing Title: DATA/COMM FIRST FLOOR NEW WORK		Checked: RWC Drawn: JTP	
Approved: Chief, Facilities and Engineering: Approved: Associate Chief for Maintenance And Operations, Perry Point:		Approved: Associate Director for Operations: Approved: Director, Medical Center:	
Drawing Scale: AS NOTED Printing Start Date: 03/07/2012		Drawing Finish Date: 10/15/2012 Drawing Approved: JOE BANCH	
			
1818 K Street, NW, Suite 400 Washington, DC 20004 Phone: 202-225-2334 Fax: 202-225-1272			

- GENERAL NEW WORK NOTES**
1. ALL ELECTRICAL WIRING, CONDUIT, DEVICES, EQUIPMENT AND MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
 2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION SAFETY CODE (NFPA 70).
 3. ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE.
 4. ALL INTERIOR ELECTRICAL WIRING SHALL BE IN METALLIC CONDUIT UNLESS NOTED OTHERWISE.
 5. PROVIDE FLEXIBLE METALLIC CONDUIT TO ALL MOTOR OPERATED EQUIPMENT. (MAXIMUM 6' LENGTH)
 6. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS NOTED OTHERWISE.



**BUILDING 501
SECOND FLOOR - DATA/COMM PLAN - NEW WORK**

SCALE: 1/4" = 1'-0"



FINAL

		Date: 10/15/2012 Project No: 51295-10-335 DRAWING NO: 501-ET1.03 Dwg. 15 of 17	
Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER		Drawing Title: DATA/COMM SECOND FLOOR NEW WORK	
Building No: 501 Location: PERRY POINT MARYLAND		Approved: Chief, Facilities and Engineering: Approved: Associate Chief for Maintenance And Operations, Perry Point: Approved: Associate Director for Operations: Approved: Director, Medical Center:	
Drawing Scale: AS NOTED Drawing Start Date: 03/07/2012 Drawing Finish Date: 10/15/2012 Drawing Approved: JOE BANCH			
		1818 K Street, NW, Suite 400 Washington, DC 20006 Phone: 202-225-2334 Fax: 202-225-1272	

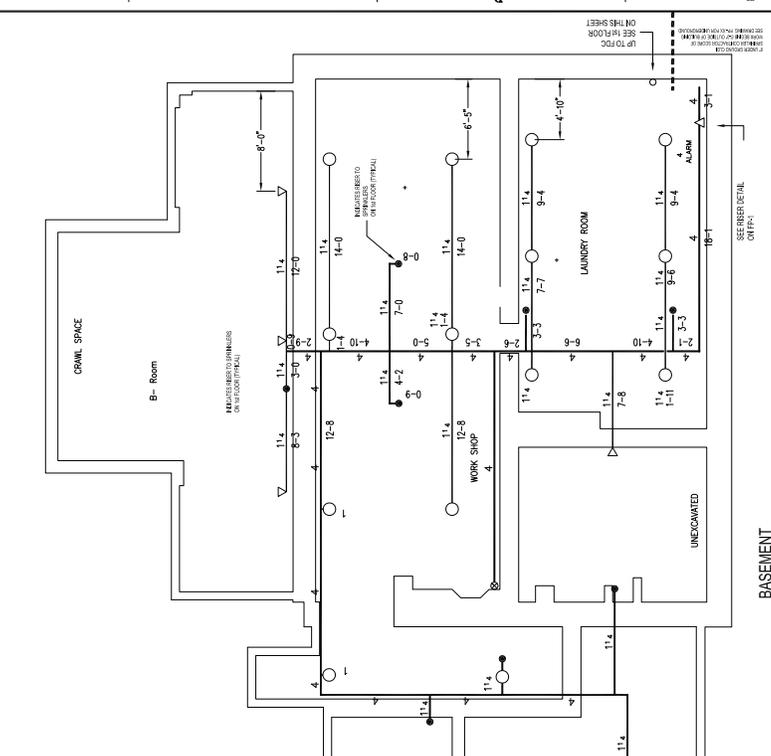
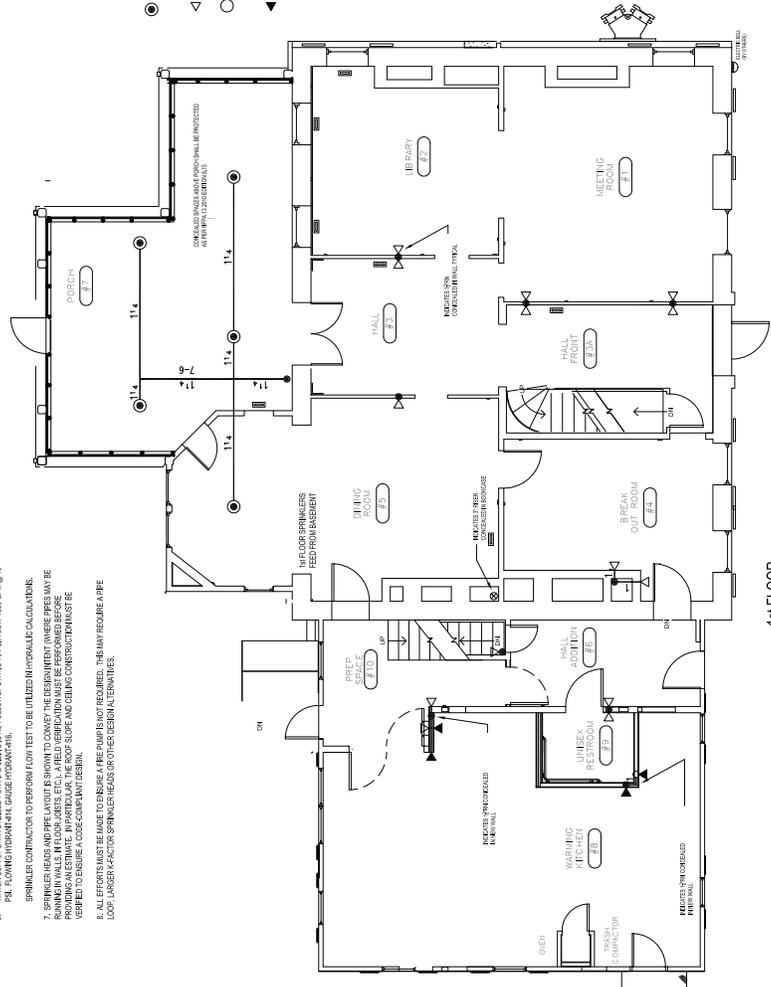
FIRE PROTECTION GENERAL NOTES:

- PROVIDE A FULLY AUTOMATIC SPRINKLER SYSTEM THROUGHOUT THE ENTIRE FACILITY, INCLUDING:
 - 1.1. ALL AREAS CONSIDERED COMBUSTIBLE CONSTRUCTION
 - 1.2. ALL AREAS TO BE MAINTAINED ABOVE 40 DEGREES (F)
 - 1.3. ALL CRAN SPACES
 - 1.4. ABOVE-CEILING AREA
 - 1.5. 1ST FLOOR EXCEPT KITCHEN
 - 1.6. OCCUPANT HAZARDOUS GROUP I AREAS:
 - 1.7. 1ST FLOOR INTERIEN
 - 1.8. 1ST FLOOR PERIMETER
 - 1.9. UPPER ATTIC
- WATER SUPPLY CAPACITY USED FOR FIRE SPRINKLES FOLLOWS: STAFF-CAPITAL ROOM 100 GPM @ 40 PSI, FLOWING HYDRANT 44 GPM @ 100 PSI.
- SPRINKLER CONTRACTOR TO PERFORM FLOW TEST TO BE UTILIZED IN NORMAL CALCULATIONS.
- CRAN SPACES ARE TO BE LAYED OUT AS SHOWN TO CHANGE THE DESIGN. ANY CHANGES MAY BE RUN IN WALLS, FLOOR JOISTS, ETC. ALL FIELD OPERATIONS MUST BE PERFORMED BEFORE FINISHING IS ESTIMATED. IN PARTICULAR, THE ROOF SLOPE AND CEILING CONSTRUCTION MUST BE VERIFIED TO BE A CODE-COMPLIANT DESIGN.
- ALL EFFORTS MUST BE MADE TO ENSURE A FIRE PUMP IS NOT REQUIRED. THIS MAY REQUIRE A PIPE LOOP, UNDER-VACUUM SPRINKLER HEADS OR OTHER SPECIAL CONFINEMENTS.



Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 36858, Expiration Date: 2013-01-25.

- INDICATES STANDARD COVERAGE OR HEIGHT (INDICATED) TEMP #157
- ◁ INDICATES EC TRIGGERS SPRINKLER HEAD OR 157 WHITE
- INDICATES STANDARD COVERAGE OR HEIGHT (INDICATED) TEMP #157
- ◄ INDICATES EC 157 OR 157 WHITE

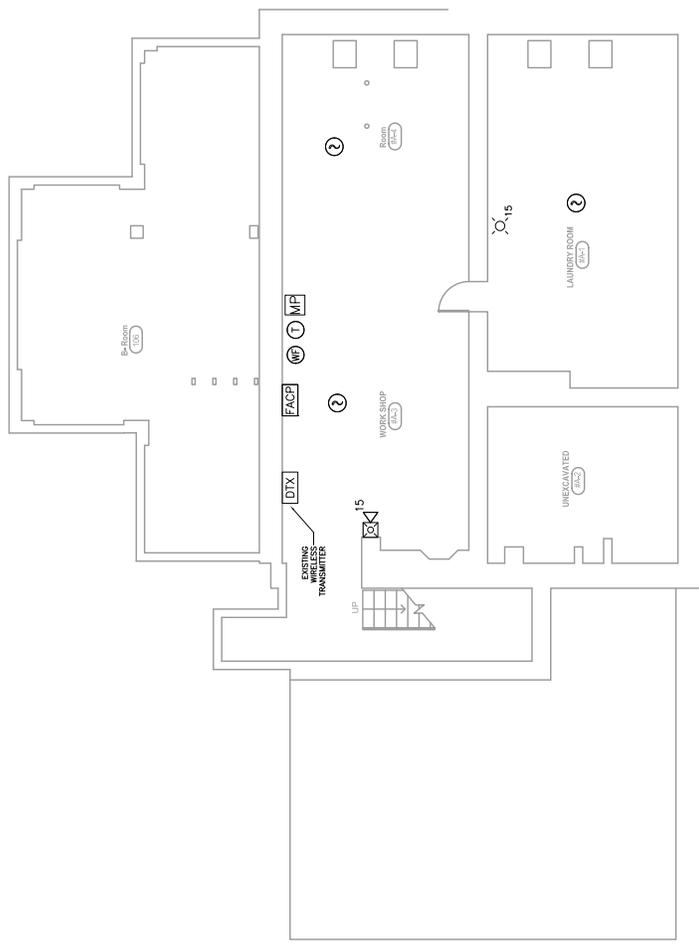


<p>BES DESIGN/BUILD 1612 K Street NW, Suite Washington, DC 20006 Phone: (202) 331-3334 Fax: 202-223-1212</p>		<p>Donald Schildt Jr., P.E. Fire Protection Engineer & Life Safety Consulting Phone: (202) 315-2220 Email: dschildt@redesign.com</p>		<p>Drawing Scale: AS NOTED Drawing Start Date: 03/01/2012 Drawing Finish Date: 10/15/2012 Drawing Approved: JOE BARNCH</p>		<p>Approved: Chief, Facilities and Engineering: Approved: Associate Chief for Maintenance and Operations, Perry Point: Approved: Associate Director for Operations: Approved: Director, Medical Center:</p>		<p>Drawing Title: FIRE PROTECTION 1ST FLOOR AND BASEMENT</p>		<p>Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER</p>		<p>Date: 10/15/2012 Project No: 51245-10-335 Drawing No: 501-FX1.02 Dwg. 2 of 3</p>	
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1 2 3 4 5 6 7 8

FIRE ALARM LEGEND

-  WALL MOUNTED COMBINATION SPEAKER & STROBE
-  FIRE ALARM STROBE
-  MANUAL PULL STATION
-  FIRE ALARM CONTROL PANEL
-  SMOKE DETECTOR
-  WATER FLOW SWITCH
-  TAMPER SWITCH
-  WIRELESS TRANSMITTER
-  CONTROL RELAY
-  MONITOR POINT
-  ANTENNA
-  REMOTE ANNUNCIATOR

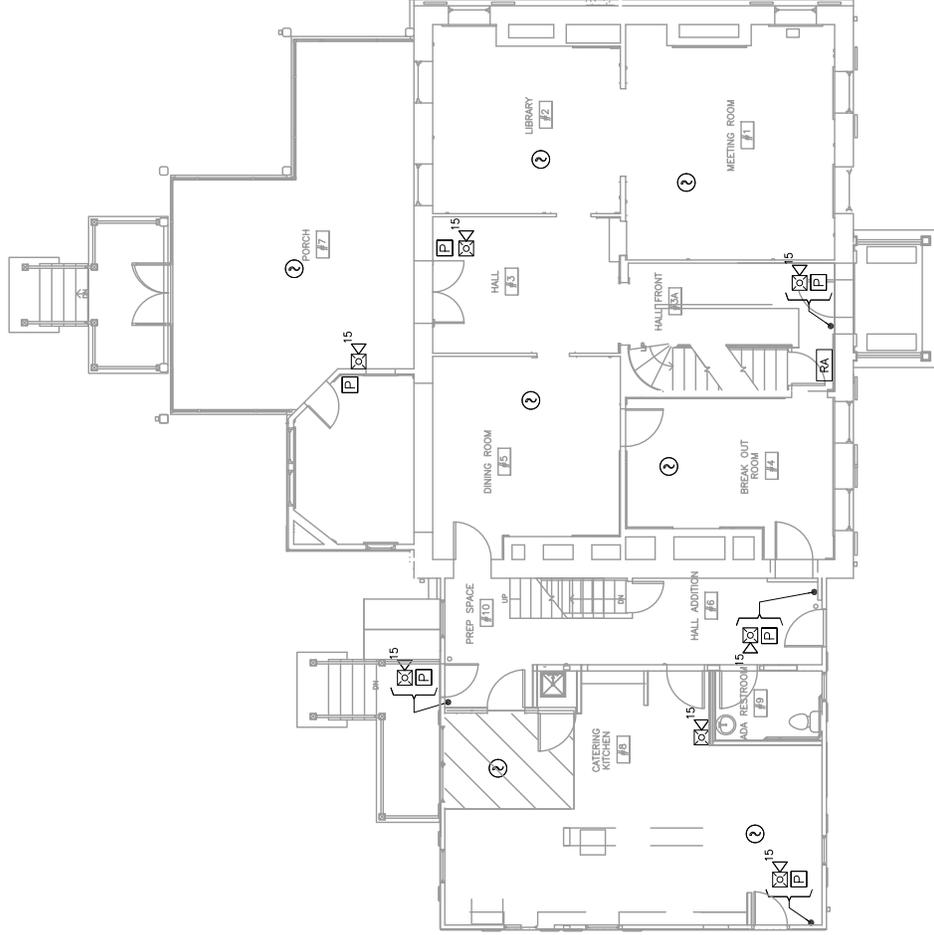


Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 36858, Expiration Date: 2013-01-25.

FINAL		Project Title: FIRE ALARM - BASEMENT		Date: 10/15/2012	
Approved: Chief, Facilities and Engineering: Approved: Associate Chief for Maintenance And Operations, Perry Point:		Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER		Project No: 51295-10-335	
Drawing Scale: AS NOTED		Building No: 501		Drawing No: 501-FA101	
Drawing Start Date: 03/01/2012		Checked: DWS		Drawn: RWB	
Drawing Finish Date: 10/15/2012		Approved: Associate Director for Operations:		Location: PERRY POINT MARYLAND	
Drawing Approved: JOE BANACH		Approved: Director, Medical Center:		Dwg. 1 of 5	
<p>Donald Schildt Jr., P.E. Fire Protection Engineer & Life Safety Consulting Phone (240) 315-2220 Email: dschildt@pgram.com</p>					
<p>BES DESIGN/BUILD 1612 K Street NW, Suite Washington, DC 20006 Phone: 202-223-1212</p>					

FIRE ALARM LEGEND

-  WALL MOUNTED COMBINATION SPEAKER & STROBE
-  FIRE ALARM STROBE
-  MANUAL PULL STATION
-  FIRE ALARM CONTROL PANEL
-  SMOKE DETECTOR
-  WATER FLOW SWITCH
-  TAMPER SWITCH
-  WIRELESS TRANSMITTER
-  CONTROL RELAY
-  MONITOR POINT
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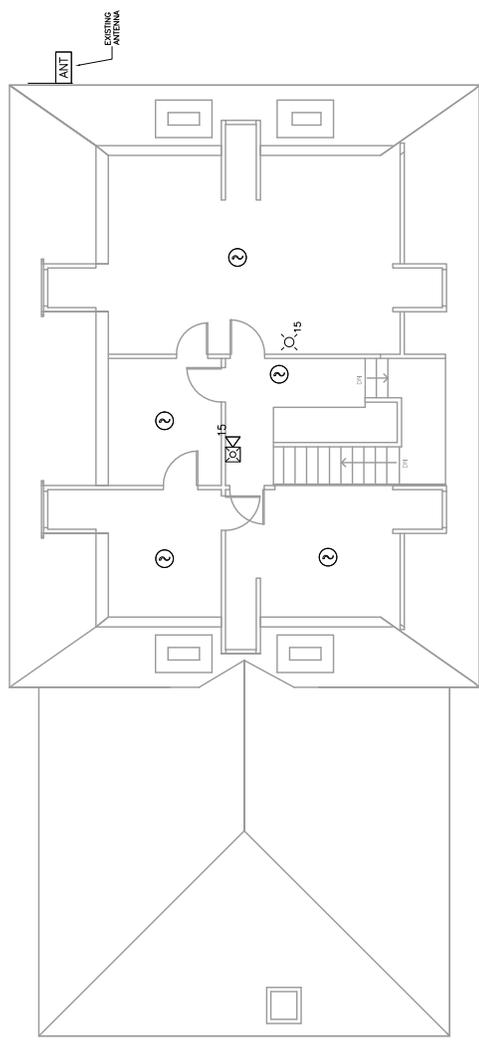
FINAL

Project Title: FIRE ALARM - 1ST FLOOR Approved: Chief, Facilities and Engineering: Approved: Associate Chief for Maintenance and Operations, Perry Point:		Date: 10/15/2012 Project No: 51295-10-335 Drawing No: 501-FA102 Dwg. 2 of 5	
Drawing Scale: AS NOTED Drawing Start Date: 03/01/2012 Drawing Finish Date: 10/15/2012 Drawing Approved: JOE BANCH		Building No: 501 Checked: DWS Drawn: RWB Location: PERRY POINT MARYLAND	
Approved: Chief, Facilities and Engineering: Approved: Associate Chief for Maintenance and Operations, Perry Point:		Approved: Associate Director for Operations: Approved: Director, Medical Center:	
Donald Schildt Jr., P.E. Fire Protection Engineer & Life Safety Consulting Phone (240) 315-2220 Email: dschildt@pagan.com		BES DESIGN/BUILD 1612 K Street NW, Suite Washington, DC 20006 Phone: 202-223-1212	

1 2 3 4 5 6 7 8

FIRE ALARM LEGEND

-  WALL MOUNTED COMBINATION SPEAKER & STROBE
-  FIRE ALARM STROBE
-  MANUAL PULL STATION
-  FIRE ALARM CONTROL PANEL
-  SMOKE DETECTOR
-  WATER FLOW SWITCH
-  TAMPER SWITCH
-  WIRELESS TRANSMITTER
-  CONTROL RELAY
-  MONITOR POINT
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FINAL

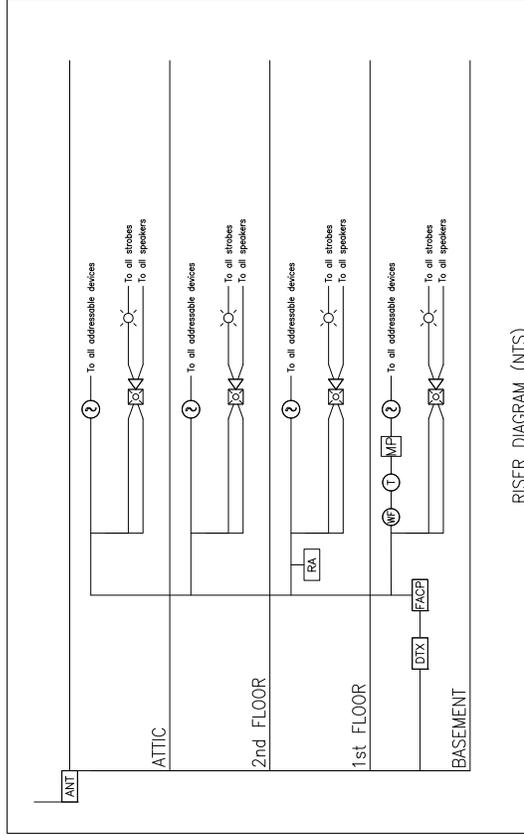
Project Title: RENOVA TE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER		Date: 10/15/2012	
Approved: Chief, Facilities and Engineering: Approved: Associate Chief for Maintenance And Operations, Perry Point:		Project No.: 51295-10-335	
Drawing Title: FIRE ALARM - ATTIC		DRAWING NO.: 501-FA104	
Drawing Scale: AS NOTED		Checked: DWS	
Drawing Start Date: 03/01/2012		DRAWN: RWB	
Drawing Finish Date: 10/15/2012		Location: PERRY POINT MARYLAND	
Drawing Approved: JOE BANGCH		Building No.: 501	
Donald Schildt Jr., P.E. Fire Protection Engineer & Life Safety Consulting Phone (240) 315-2220 Email: dschildt@paganium.com		Approved: Associate Director for Operations: Approved: Director, Medical Center:	
1612 K Street NW, Suite Washington, DC 20006 Phone: 202-223-1212 Fax: 202-223-1212		DEPARTMENT OF VETERANS AFFAIRS	

FIRE ALARM LEGEND

-  WALL MOUNTED COMBINATION SPEAKER & STROBE
-  FIRE ALARM STROBE
-  MANUAL PULL STATION
-  FIRE ALARM CONTROL PANEL
-  SMOKE DETECTOR
-  WATER FLOW SWITCH
-  TAMPER SWITCH
-  WIRELESS TRANSMITTER
-  CONTROL RELAY
-  MONITOR POINT
-  ANTENNA
-  REMOTE ANNUNCIATOR

FIRE ALARM MATRIX

Fire Alarm System Matrix	Manual Pull Station	Smoke Detector	Sprinkler Waterflow Switch	Sprinkler Tamper Switch	Fire Alarm System Trouble
Display alarm signal on the Fire Alarm Control Panel (FACP) and Remote Annunciator (RA)	X	X	X		
Sound General Building Alarm	X	X	X		
Transmit signal to Fire Department Receiving Station	X	X	X	X	X
Display supervisory signal on the FACP and RA				X	
Display trouble signal on the FACP and RA					X



RISER DIAGRAM (NTS)

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 36858, Expiration Date: 2013-01-25.



FINAL

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER		Date: 10/15/2012 Project No.: 51295-10-335	
Building No.: 501		Drawing No.: 501-FA105	
Location: PERRY POINT MARYLAND		Dwg. 5 of 5	
Drawing Title: FIRE ALARM - RISER		Approved: Chief, Facilities and Engineering:	
Approved: Associate Chief for Maintenance And Operations, Perry Point:		Approved: Associate Director for Operations:	
Drawing Scale: AS NOTED		Drawing Date: 03/01/2012	
Drawing Start Date: 03/01/2012		Drawing Finish Date: 10/15/2012	
Drawing Approved: JOE BANCH		Drawing Approved:	
Donald Schiltel Jr., P.E. Fire Protection Engineer & Life Safety Consulting Phone (240) 315-2220 Email: dschiltel@earthlink.net			
 1612 K Street NW, Suite Washington, DC 20006 Phone: 202-223-1212			